



Espacenet

## Bibliographic data: DE19711960 (A1) — 1997-11-06

Nasal spray

**Inventor(s):** OHKI HISATOMO [JP]; NAKAMURA SHIGEMI [JP]; ISHIZEKI KAZUNORI [JP]; YAZAWA YOSHIYUKI [JP]; YANAGAWA AKIRA [JP] <sup>+</sup> <sub>...</sub>

**Applicant(s):** UNISIA JECS CORP [JP]; DOTT LTD CO [JP] <sup>+</sup> <sub>...</sub>

**Classification:**   
 - **international:** A61K9/00; A61K9/14; A61M13/00; A61M15/00; A61M15/08; A61M31/00;   
 (IPC1-7): A61M11/00; A61M13/00; A61M31/00; A61M37/00   
 - **European:** A61M15/00C

**Application number:** DE19971011960 19970321

**Priority number(s):** JP19960092023 19960321

**Also published as:** US5989217 (A) KR100234611 (B1) JP9253208 (A)

### Abstract of DE19711960 (A1)

A nasal spray (1) has a section (2) to hold a capsule filled with a powder medication. An air feed section (8) delivers air to the capsule in the holding section. Two outlets (18, 19) carry the air with the medication from the capsule into the right and left nostrils of the patient. The outlets define two spray holes (20A, 20A'), to deliver the airborne powder medication. Their axes are separated by the width of the nostrils, so that each is inserted into a nostril when the medication is sprayed into the nose.